



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Cissy Sylo, P.E., Director of Engineering Services
Elizabeth Metting, P.E., Assistant Director / City Engineer

From: Arthur Hartle, Senior Civil Engineer

Date: October 21, 2008

Subject: Consider and act upon authorization for the City Manager to execute Change Order Number 2 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and Oscar Renda Contracting, Inc., for construction of the West Frisco Wastewater Improvements.

Action Requested: City Council consideration and approval of authorization for the City Manager to execute Change Order No. 2 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and Oscar Renda Contracting, Inc., (ORI) of Roanoke, Texas for the construction of West Frisco Wastewater Improvements resulting in a \$113,413.16 increase to the total contract amount. This change in the contract amount is due to additional charges for various modifications to the plans that were required during construction of the project.

Background Information: The West Frisco Wastewater Improvements Project includes four separate projects that were identified as part of the 2005 Wastewater Capital Improvements Plan. All four projects are intended to redirect flows from the Stewart Creek Wastewater Treatment Plant to the Panther Creek Wastewater Treatment Plant which is now in service. These four projects include:

- Trails Lift Station Modifications
- Fairways Lift Station Modifications
- Grayhawk Lift Station Modifications
- Parallel Force Mains, 36-inch and 12-inch

A contract for the West Frisco Wastewater Improvements was awarded to Oscar Renda Contracting, Inc. in the amount of \$5,646,000.00 on March 6, 2007. The contract for construction was signed on March 23, 2007 and a pre-construction meeting was held on April 11, 2007. The original contract had a contract time of 270 calendar days for construction with a completion date January 6, 2008. The contractor encountered extended delivery times for additional equipment that had to be ordered for the Fairways Lift Station which added 148 additional days.

Additional work was required during the course of construction, so there are adjustments to the contract amount that are needed to account for the cost of this extra work. This work was for the relocation or adding of various material or equipment as noted in the Change Order.

On October 17, 2007, the City Council authorized the City Manager to sign Change Order Number 1. This Change Order directed the contractor to install the force main between stations 32+00 and 54+00 before utilities were installed for the adjacent development. Construction of the force main after the development would have substantially increased the costs to the City.

Execution of Change Order Number 2 increases the total contract amount by \$113,413.16 to \$5,774,275.46 with an increase of 265 additional calendar days to the original contract time for completion of construction. An increase of 148 days was due to the ordering and delivery of the soft start transformers for the pumps at the Fairways Lift Station. The soft start transformers for the pumps were required by the electric company in order to reduce peak electric load demands. The second increase in contract time occurred while an electrical easement at the Grayhawk Lift Station for the electrical main power supply was obtained for CoServ. Other miscellaneous work in the Change Order required a total of 32 additional days. The West Frisco Wastewater Improvements Project should be completed by the end of November 2008. The project was substantially complete on July 16, 2008 when flow from all three lift stations had been redirected from the Stewart Creek West Wastewater Treatment Plant to the new Panther Creek Wastewater Treatment Plant.

Alternatives: The City Council could consider the following alternatives:

- Authorize the City Manager to execute Change Order Number 2 to the Standard Form of Agreement by and between the City and Oscar Renda Contracting, Inc.;
- Input towards the discussion as desired;
- Deny authorization for the City Manager to execute Change Order Number 2 and send back to staff with direction.

Financial Considerations: The Project was funded from the 2007 Certificates of Obligations. Additional funding for Change Order Number 2 will be from the 2007 Certificates of Obligation.

Legal Review: Not Applicable.

Supporting Documents: Supporting Documents include the following items:

- Copy of Project Location Map.
- Copy of Change Order Number 2.

Staff Recommendation: Staff recommends placement of this item on the October 21, 2008 City Council meeting agenda to consider and approve the authorization for the City Manager to execute Change Order No. Two to the Standard Form Agreement for Construction Services by and between the City of Frisco and Oscar Renda Contracting, Inc., of Roanoke, Texas in the amount of \$113,413.16 for the construction of the West Frisco Wastewater Improvements. Staff will be present at the meeting to address the City Council's questions relating to this agenda item.